

2023 Convection Working Group Splinter Meeting

11 May 2023, Bucharest, Romania



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Welcome

The co-chairs welcomed all the participants. Tour de table was carried out.

Outstanding Actions

6th CWG Action 3: All meeting participants are reminded and encouraged to share relevant scientific articles with the CWG co-chairs for publication on the CWG website. [ongoing action]

Some of the members indicated earlier that the list sometimes does not contain the most recent publications. So far the publications were only gathered yearly. The co-chairs suggested quarterly reminders to collect these which were supported by the group.

Thomas August asked whether we would like to add technical notes or research reports to the page – documents that are not scientific papers or links. These will be added as separate category to the CWG page.

It is also discussed how the case studies can be made available and also how this can be included into the User Portal.

3T material moved from confluence to sharepoint, the page is open and can also be shared with CWG (there are many members same in both groups)

7th CWG Action 1: Member-state survey done by Stephan Bojinski and colleagues at EUMETSAT can potentially save some work regarding the investigation of practices in warning operations in severe convective situations within different Met Services. Apart from that, no progress has been made.

As no one contacted the co-chairs on this issue, it was proposed to close this action.

7th CWG Action 3: All meeting participants are reminded to contact the co-Chairs if they wish to have their product added to the CWG Product Guidance.

Participants are reminded that they can ask for their product to be added to the guide. It is also possible to update the current ones if it is wished by the developer.

8th CWG Action 5: Add to the report concerning the OT what improvement is to be expected of MTG rapid scan data. [Jean-Mark Moisselin]

The report has been made available. The action can be closed.

Communication/cooperation - SharePoint instead of Confluence and quarterly meetings

Instead of Confluence, we have now area in EUMETCAL Teams for posting files, minutes etc. There will be an online 3T event in November, it is planned to have one day dedicated to CWG.

The idea having short quarterly meetings (max 2 hours, online) to keep members informed and engaged has been discussed; maybe we could have meetings on special topics. We have also discussed the idea of working on one case together (like the golden cases in the past). This will be even more interesting during the emerging MTG era.

Ivan reported that they plan to have Friday catch of the week with FCI – open for all 3T and CWG members.

New colleagues having attended the meeting for the first time will be added to the mailing list.

EWC R&D call

Joachim Saalmüller presented the links where the images and animations from the FCI First image release are available. First FCI data to MAG, closed loop users, and SAFs is planned in July, preoperational feed via Eumetcast envisaged in November.

LI is planned to be operational February 2024 – Alois reminds that the US experience showed that the LI data should be given to the users carefully, Joachim would be interested to know what criteria would need to be set in order to control the data that are disseminated, the US experience is that the data in the beginning were not very good to show, needed a lot of tuning, so this may be taken into account when thinking of start of operational dissemination of LI data.

EWC R&D initiative was presented, work on R&D encouraged. ECMWF and EUMETSAT data are available in EWC via pull services, also near-realtime feed of Eumetcast Terrestrial is available there – this will include also full resolution FCI channels which will not be available in Eumetcast satellite.

R&D call has been released – institutions are invited to apply for EWC resources for their projects, submission deadline is end of June. For small projects up to a year and with small resources needed there is fast track for the project to be approved.

Update on the NWC-EWC initiative by Xavier Calbet (access info to ADAGUC @ EWC)

Complete NWCSAF geo package is installed in EWC and the product visualization available using adaguc. It is not operational service but can be freely used. The guidance how to use this interim phase installation is available: [NWCSAF EWC ADAGUC Server.pdf](#)

They would also like to know whether there would be wish to include some new datasets to visualize.

Nowcasting tools workshop

EUMETSAT is planning a workshop on nowcasting tools in Q4/2023. It will take place in EUMETSAT for 2.5 days.

Update on MTG-I commissioning and activities

The topic was already mostly covered in presentation by Joachim.

FCI rapid scanning tests are planned in August. This includes both the nominal rapid scanning service that will become operational after the launch of MTG-I2 as well as some super rapid scanning tests where FCI repeatedly scans two swaths with a temporal resolution of 20-30 seconds. Data will be acquired in real-time, but processing of the data will be done at a later stage. It is still unsure when the FCI RSS data scans will be released.

Any Other Business

Tino Manzato asked for some assistance with setting up the new reception with respect to data volume. Joachim Saalmüller pointed him to the technical documents of EUMETSAT:

- <https://eumetsatspace.atlassian.net/wiki/spaces/DSEC/pages/1984331777/MTG+Data+Reception> (most current) and TD 15 - EUMETCast - EUMETSAT's Broadcast System for Environmental Data <https://www.eumetsat.int/media/44096> (to be updated in summer 2023).

The next meeting(s)

Joint meeting with 3T in November 2023 – online.

Full CWG workshop planned in April time-frame 2024, location: Prague.

Splinter in Malmo, EUMETSAT conference 2023 – still to be confirmed.

